760250694 | N-072-MP-5K-F12AQ/20T/B2



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 72 fiber with 2.0 mm Subunits, Multimode OM4, Feet jacket marking, Aqua jacket color, B2ca flame rating

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA	
Portfolio	CommScope®	
Product Type	Fiber indoor cable	
Product Series	N-MP	
General Specifications		
Cable Type	MPO trunk cable	
Construction Type	Non-armored	
Subunit Type	Gel-free	
Jacket Color	Aqua	
Jacket Marking	Feet	
Subunit, quantity	6	
Fibers per Subunit, quantity	12	
Total Fiber Count	72	
Dimensions		
Buffer Tube/Subunit Diameter	2 mm 0.079 in	
Diameter Over Jacket	9 mm 0.354 in	

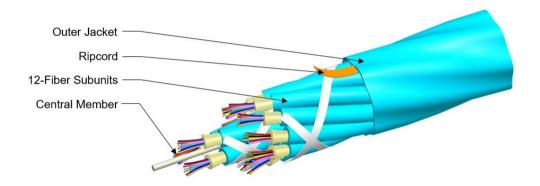
Representative Image

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Mechanical Specifications

Minimum Bend Radius, loaded	135 mm 5.315 in	
Minimum Bend Radius, unloaded	92 mm 3.622 in	
Tensile Load, long term, maximum	200 N 44.962 lbf	
Tensile Load, short term, maximum	667 N 149.948 lbf	
Compression	10 N/mm 57.101 lb/in	
Compression Test Method	FOTP-41 IEC 60794-1 E3	
Flex	25 cycles	
Flex Test Method	FOTP-104 IEC 60794-1 E6	
Impact	2.94 N-m 26.021 in lb	
Impact Test Method	FOTP-25 IEC 60794-1 E4	
Strain	See long and short term tensile loads	
Strain Test Method	FOTP-33 IEC 60794-1 E1	
Twist	10 cycles	
Twist Test Method	FOTP-85 IEC 60794-1 E7	
Vertical Rise, maximum	243 m 797.244 ft	
Optical Specifications		

Fiber Type

OM4, LazrSPEED® 550

Environmental Specifications

 Installation temperature
 0 °C to +50 °C (+32 °F to +122 °F)

 Operating Temperature
 0 °C to +60 °C (+32 °F to +140 °F)

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Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596 Telcordia GR-409
EN50575 CPR Cable EuroClass Fire Performance	B2ca
EN50575 CPR Cable EuroClass Smoke Rating	s1a
EN50575 CPR Cable EuroClass Droplets Rating	d0
EN50575 CPR Cable EuroClass Acidity Rating	al
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60332-3 IEC 60754-2 IEC 61034-2

Environmental Test Specifications

Low High Bend	0 °C to +50 °C (+32 °F to +122 °F)
Low High Bend Test Method	FOTP-37 IEC 60794-1 E11
Temperature Cycle	0 °C to +60 °C (+32 °F to +140 °F)
Temperature Cycle Test Method	FOTP-3 IEC 60794-1 F1

Packaging and Weights

Cable	e we	iaht
ousi		gine

83.9 kg/km | 56.378 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



Included Products

CS-5K-MP

LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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